



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Frank L. Hall

Serial No.: 10/791,190

Filed: March 2, 2004

For: APPARATUS FOR PREPARING BALL GRID ARRAY SUBSTRATES VIA

USE OF A LASER (as amended)

Confirmation No.: 1971

Examiner: S. Heinrich

Group Art Unit: 1725

Attorney Docket No.: 2269-4718.3US

(00-0316.03/US)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

October 20, 2006 Date

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. Copies of any cited foreign patents, publications, or pending unpublished U.S. applications are enclosed pursuant to 37 C.F.R. § 1.98(a)(2).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

U.S. Patent No.	Publication Date	<u>Patentee</u> McCulloch	
US - 5,930,606	07/27/1999		
US - 6,297,138 B1	10/02/2001	Rimai et al.	

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

I hereby certify that no item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the statement, and therefore no fee is due.

Respectfully submitted,

James R. Duzan

Registration No. 28,393

Attorney for Applicant

TRASKBRITT

P.O. Box 2550

Salt Lake City, Utah 84110-2550

Sames R. Surger

Telephone: 801-532-1922

Date: October 20, 2006

JRD/mah:lmh

Enclosure: Form PTO/SB/08A

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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO		Complete if Known			
INFO	RMATION	DIS	CLOSURE	Application Number	10/791,190
STATEMENT BY APPLICANT		Filing Date	March 2, 2004		
(use as many sheets as necessary)			LEICHT	First Named Inventor	Frank L. Hall
				Group Art Unit	1725
			ecessary)	Examiner Name	S. Heinrich
Sheet	1	of	1	Attorney Docket Number	2269-4718 3115 (00-0316 03/115)

Examiner Cite No. 1		Document Number		Name of Patentee or Applicant of	
		Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,930,606	07/27/1999	McCulloch	115 12 12 12 12 12 12 12 12 12 12 12 12 12
		US- 6,297,138 B1	10/02/2001	Rimai et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,		
Initials*		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶
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Examiner Signature		Date Considered	

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.